

Patent Claims

1. A dispensing head for a dosing device .
comprising an outer component part which has at least one outlet nozzle, and comprising an inner component part, which has a flow-channel arrangement for supplying a medium to be dispensed to the outlet nozzle, whereby a flow-guiding system, in particular a swirler device, viewed in dispensing direction, is placed in front of the outlet nozzle, characterized in that the flow-guiding system (14) is integrated into the outer component part (3).

2. The dispensing head according to Claim 1, characterized in that the outer component part (3) is designed as a plastic part, and that the flow-guiding system (14) is constructed in one piece on the component part (3).

3. The dispensing head according to Claim 1, characterized in that the outer component part (3) is designed annularly, and the at least one outlet nozzle (9) is integrated in one piece into the annular component part (3).

4. The dispensing head according to Claim 1, characterized in that the inner component part is designed as a plastic part, and is adjusted as a fill body in such a manner to the annular outer component part (3) that the two component parts (2, 3) can be joined forming an annular space (19) keeping open a flow path to the flow-guiding system (14) and the outlet nozzle (5), which annular space (19) is part of the flow-channel arrangement.

5. The dispensing head according to Claim 1, characterized in that the outer component part (3) and the inner component part (2) are arranged coaxially with respect to the annular space (19) rotatably to one another.

6. The dispensing head according to Claim 1, characterized in that, referred to a center longitudinal axis of the inner component part (2), axially acting locking means (11, 12) are provided for the axial fixing of the outer component part (3) relative to the inner component part (2).

7. The dispensing head according to Claim 1, characterized in that the outlet nozzle (9) is aligned radially to the center longitudinal axis of the inner component part (2).

8. The dispensing head according to Claim 5, characterized in that the peripheral surfaces (15, 16, 17, 18) of the component parts (2, 3), which peripheral surfaces face one another, have adjacent to the annular space (19) diameters which are adjusted to one another so that circumferentially a sealed fit in the joined state is achieved.

9. The dispensing head according to one of the preceding claims, characterized in that a protective or covering top (4) provided with an outlet opening (10) can be releasably mounted onto the outer component part (3), the outlet opening (10) of which top is designed larger than the outlet nozzle (9).

10. The dispensing head according to Claim 1, characterized in that the outer component part (3) is held releasably on the inner component part (2).